19990329.qrp v01_n410.qrl.990329

Date: Mon, 29 Mar 1999 19:03:13 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1410

QRP-L Digest 1410

Topics covered in this issue include:

  1) [36779] Re: QRPTTF WHERE AM I
     by Bob Hightower <ki7mn@extremezone.com>
  2) [36780] Re: Atlanticon Special Report--building contest winners
     by John Evans <jaevans@codenet.net>
  3) [36781] QRPTTF which state?
     by "ke5tc" <ke5tc@crosstel.net>
  4) [36782] Re: QRPTTF WHERE AM I
     by "Steve Sorrell" <ap036@detroit.freenet.org>
  5) [36783] Atlanticon 99
     by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
  6) [36784] Atlanticon 99
     by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
  7) [36785] Wow...what a contest
     by PUNISHER3@aol.com
  8) [36786] Re: QRPTTF WHERE AM I
     by "Harry T. Hurst" <hhurst@delaware.infi.net>
  9) [36787] Hal St-5000 TU
     by dave_epps@juno.com
 10) [36788] Portable gen (gas)
     by dave_epps@juno.com
 11) [36789] Unknown Paddles
     by "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
 12) [36790] QRPp
     by Thom <thom@li.net>
 13) [36791] RE:Whump.....
     by "Mark Hogan" <mhogan@email.msn.com>
 14) [36792] First pictures from Knightlites QRPp expedition to Core Banks
     by LYN <designserv@ipass.net>
 15) [36793] Re: CB to 10 Meter Conversion
     by guillotstutoring@juno.com
 16) [36794] Formal application for 52X state multi in QRPTTF
     by "Justin McAllister" <kd5ako@hotmail.com>
 17) [36795] Re: FS: Norcal paddle kit
     by SKIPNC9O@aol.com
 18) [36796] FS Gusher Antennas (longish)
     by Joe Everhart <n2cx@voicenet.com>
 19) [36797] Re: Tuners: 949 vs 969

    by "Steve Yates, AA5TB" <aa5tb@swbell.net>
20) [36798] Re Patcomm PC9000
    by Mike Czuhajewski <wa8mcq@erols.com>
21) [36799] Re: Formal application for 52X state multi in QRPTTF
    by David Fifield <fifield@pacbell.net>
22) [36800] MFJ-9030 help?
    by maprath@prairienet.org (Mark A. Prather)
23) [36801] Mountain Vistas and QRP DX
    by Jess Gypin <jessqrp@concentric.net>
24) [36802] Re: [MFJ-9030 help?]
    by Roy Lincoln <wa4dou@usa.net>
25) [36803] 10 Meters in great shape this weekend
    by "John Burnley" <burnley-ia@worldnet.att.net>
26) [36804] QRP ARCI NEN QRP NET
    by George Gingell <k3tks@u1.abs.net>
27) [36805] Ideas asked for shorted aerial for 80m.
    by Eim Mulder <mulder@nfra.nl>
28) [36806] Re: Indiana qrp eyeball qso interest ?
    by "D. Hammond" <wdp@kconline.com>
29) [36807] Atlanticon 1999
    by George Gingell <k3tks@u1.abs.net>
30) [36808] Re: Latest NC Kit: humor, long
    by Chuck Adams <adams@ticnet.com>
31) [36809] NC-20 Questions
    by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
32) [36810] Atlantcon 99 de K5FO [long]
    by Chuck Adams <adams@ticnet.com>
33) [36811] Re: Atlanticon is HERE--and now gone. . .
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
34) [36812] Atlanticon, incredible
    by Scott Howell <whowell@hq.nasa.gov>
35) [36813] 1 watt CA contact
    by Scott Howell <whowell@hq.nasa.gov>
36) [36814] NC-20 Help Needed?
    by KQ5U <kq5u@flash.net>
37) [36815] Re: Latest NC Kit: humor, long
    by Frank Alwine <n1gpy@together.net>
38) [36816] Announcement timing
    by DNT1@daimlerchrysler.com
39) [36817] Patcomm PC9000 ?
    by hw.merz@t-online.de (Hanns W. Merz)
40) [36818] TRANSMISSION LINE TRANSFORMERS
    by Brad Bradfield <b_bradfield@yahoo.com>
41) [36819] Atlanticon 1999
    by "John Humphrey" <jhumphre@ultra-tech.com>
42) [36820] Site update
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
43) [36821] please help with table

    by Scott Howell <whowell@hq.nasa.gov>
44) [36822] Re: TRANSMISSION LINE TRANSFORMERS
    by Chris Trask <ctrask@PRIMENET.COM>
45) [36823] Atlanticon 1999
    by Bob Scott <w4fpj@doubled.com>
46) [36824] WPX SSB DX test & HTX-100
    by Jim Hale <kj5tf@yahoo.com>
47) [36825] Atlanticon 99 small update de K5FO
    by Chuck Adams <adams@ticnet.com>
48) [36826] Up a Creek w/o a Paddle
    by Theodore Wong <wong_th@eng.printronix.com>
49) [36827] Re: Up a Creek w/o a Paddle
    by "Richard Brummer" <obvious@bestweb.net>
50) [36828] NC20: Another one up and running
    by "Edward A Kwik jr" <eakwikjr@hti.com>
51) [36829] TenTec 515
    by "Steve Sorrell" <ap036@detroit.freenet.org>
52) [36830] Dirth of 6 meter kits
    by Bob Scott <w4fpj@doubled.com>
53) [36831] NorCal Resistor Kits Sold Out!!
    by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
54) [36832] question answered regarding advanced info
    by Scott Howell <whowell@hq.nasa.gov>
55) [36833] WSN-40 QRP Net/ Antennas for Portable use.
    by Ed Loranger <we6w@qsl.net>
56) [36834] Re: NorCal Resistor Kits Sold Out!!
    by Vic Rosenthal <rakefet@rakefet.com>
57) [36835] Re: NC20: Another one up and running
    by tom whalen <wb5qyt@eFortress.com>
58) [36836] Re: SLV ROD SOURCE
    by "Brad Bradfield, PE" <b_bradfield@yahoo.com>
59) [36837] Re: SLV ROD SOURCE
    by "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
60) [36838] Re: FS: TT Scout w/ 5 modules
    by "Paul R. Valko" <prvalko@oakland.edu>
61) [36839] Spice Book Recommendation
    by Chuck Adams <adams@ticnet.com>
62) [36840] Re: question answered regarding advanced info
    by "Ron Smith" <resmith666@uswest.net>
63) [36841] Re: SLV ROD SOURCE
    by Ed Loranger <we6w@qsl.net>
64) [36842] Norcal paddle kit FS
    by Sachsarch@aol.com
65) [36843] A Night w/ the NC20 (kinda long)
    by "Chris Cieslak" <ccieslak@law.uiuc.edu>
66) [36844] FW: Dirth of 6 meter kits
    by "J. Eric Jessen" <E.Jessen@orion-consulting.com>
67) [36845] Re: question answered regarding advanced info

    by "Ron Smith" <resmith666@uswest.net>
 68) [36846] QRP Rigs
    by John F Rayfield <kr0y@juno.com>
 69) [36847] Atlanticon Kite
    by Tom M <tjmc@erols.com>
 70) [36848] WANTED REALLY BAD: Norcal Paddle Kit
    by sda <sda@bellsouth.net>
 71) [36849] Elecraft Help Wanted: Customer Support Technician.
    by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
 72) [36850] Re: Atlanticon Kite
    by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
 73) [36851] Re: Spice Book Recommendation
    by James P Rybak <jrybak@mesastate.edu>
 74) [36852] Re: Spice Book Recommendation
    by Jeff <fantbb@yahoo.com>
 75) [36853] Re: Atlanticon Kite
    by Chuck Adams <adams@ticnet.com>

Date: Sun, 28 Mar 1999 17:14:44 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: hamjoel@juno.com
Cc: qrp-l@lehigh.edu
Subject: [36779] Re: QRPTTF WHERE AM I
Message-ID: <199903290013.RAA02489@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:58 PM 3/28/99 -0500, you wrote:
>   I put my rig in one state, my power supply in another, and my operating
>chair in the third state...
>
>
>   question??? in which state am I operating????

No, no, no, Joel. First you get a three-legged stool, put one leg in each state, each leg equidistant from the center of the pipe. Probably gonna need a surveyor for this one.

Then, put the battery exactly centered over the pipe, under the seat of the stool.

Now, get a ladder and put it up so that the exact center of the top is centered over the centerline of the pipe.

Mount your antenna so that it sits on the same centerline, perfectly vertical.

Now, sit on the stool, place your rig on your head, sit straight and you are ready.

Or, just figure close enough is close enough. This is just a fun contest, right? (I'm sure you are spoofing those who want to nit-pick the location, huh?)

72,73
Bob Hightower KI7MN

http://www.extremezone.com/~ki7mn

Date: Sun, 28 Mar 1999 18:19:59 -0700
From: John Evans <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [36780] Re: Atlanticon Special Report--building contest winners
Message-ID: <36FED53F.B93BCC0A@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Naw folks,

  Preston got it all wrong !! I won hands down in the homebrew competition for my homebrew
Sierra. I received so much praise from Preston and all the other experienced designers that
I am certain that I have just begun to scratch the surface of this area of QRP. Receiving
such accolades from the likes of the folks I met at Atlanticon had me floating the entire
evening. It was so much fun to rub elbows with all who attended. And Seab's huge kite flying
high in the wind above the site outdoors was truly an inspiration. We are all truly a great
resource to ourselves and others.

  Thanks to all for such a wonderful event, thanks to the NJQRP Club for hosting the first
Atlanticon. I will be back !!!!

jaevans@codenet.net - n0hj

Date: Sun, 28 Mar 1999 19:23:17 -0600
From: "ke5tc" <ke5tc@crosstel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36781] QRPTTF which state?
Message-ID: <002201be7982$ba82db80$e36c1ece@computer-1>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang:
All the talk about how close is close enough to count mult state for the conest has me wondering?
If I operate from a submarine on the Arkansas River in Oklahoma does that mean I can claim each state that the river runs through???
de w5b\co\ks\ok\ar. (well maybe not)
But I do plan on being on the WWII Submarine "USS BATFISH" that weekend with some qrp cw -- w5b...

73 Royce ke5tc

Date: Mon, 29 Mar 1999 01:26:20 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <ki7mn@extremezone.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36782] Re: QRPTTF WHERE AM I
Message-ID: <008701be797a$d924ef40$c742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

It's quite obvious to me he is in a 'confused' state, but he will probably move to an 'altered' state. Then he is doomed to wander aimlessly. NOW, I got it, he is in California, thats it, thats the ticket, WOWZERS!
yeah, yeah, thats it.
de Steve, W8SFF

Date: Sun, 28 Mar 1999 20:39:53 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [36783] Atlanticon 99
Message-ID: <36FED9E9.D43865D2@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WHAT A BLAST!!!

This was the most fun I've had with my clothes on in a long time.
Getting together with so many fellow travelers in the QRP community was
an experience I won't soon forget. The formal and informal sessions all
brought me new knowledge and information that will keep me busy until
next year. When I got home and walked in the door (after appropriate
homage paid to the mistress of the house) I headed right for the
workshop to try out a few things.
If you didn't get to the show this year you really missed someting. Make
plans for next year, Atlanticon is a no miss event.
--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Sun, 28 Mar 1999 20:40:36 -0500
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: "njqrp@njqrp.org" <njqrp@njqrp.org>, "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [36784] Atlanticon 99
Message-ID: <36FEDA14.BAA30288@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

WHAT A BLAST!!!

This was the most fun I've had with my clothes on in a long time.

Getting together with so many fellow travelers in the QRP community was an experience I won't soon forget. The formal and informal sessions all brought me new knowledge and information that will keep me busy until next year. When I got home and walked in the door (after appropriate homage paid to the mistress of the house) I headed right for the workshop to try out a few things.
If you didn't get to the show this year you really missed someting. Make plans for next year, Atlanticon is a no miss event.

DE SKIP N2EI (Atlanticon #46)
--
++

  T.J. "SKIP" AREY N2EI   e-mail tjarey@home.com

     Website   http://members.home.net/tjarey

     Snail Mail: PO Box 236, Beverly, NJ 08010

   Specialization is for insects!   LAZARUS LONG

Date: Sun, 28 Mar 1999 21:11:18 EST
From: PUNISHER3@aol.com
To: qrp-l@lehigh.edu
Subject: [36785] Wow...what a contest
Message-ID: <f893e6cb.36fee146@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Now I'm not a big fan of SSB contests, but I liked this on a lot. I operated for about 10 hours and easily racked up 144,600 points.. while QRP! This is the highest score that I've ever gotten, even though this is only my 5th contest.
     I was using an icom 725 at 5 watts (due to interference problems) and my new 40m delta loop (which was put up yesterday) and it works great.

If anyone is interested in my summery sheet, take a look....

CALL: NW7DX   COUNTRY: United States
      MODE: SSB   CLASS: SO, QRPP, ROOKIE

      BAND   QSO   QSO PTS PTS/QSO   PREFIXES

160	1	6	6.0	1	
80	7	24	3.4	4	
40	6	24	4.0	12	
20	167	333	2.0	150	
15	93	159	1.7	56	
10	23	54	2.3	18	
Totals	297	600	2.0	241	=> 144,600

I can't wait 'till the CW contest!!!!!!!

73,
Ben - NW7DX age 14 extra class

Date: Sun, 28 Mar 1999 21:22:41 -0500
From: "Harry T. Hurst" <hhurst@delaware.infi.net>
To: <hamjoel@juno.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36786] Re: QRPTTF WHERE AM I
Message-ID: <00e701be798b$70e196c0$414b9ace@hhurst>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hamjoel:

Getting a little of that Maineac cabin fever?

Quick, someone send Joel some boots, earmuffs and 1000' feet of wire!

Date: Sun, 28 Mar 1999 18:21:03 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [36787] Hal St-5000 TU
Message-ID: <19990328.182506.-80181.6.dave_epps@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Anyone have the manual for a Hal St-5000 rtty terminal unit. Will pay.
        dave ab5pc fresno, ca.
_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Mar 1999 18:25:05 -0800
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [36788] Portable gen (gas)
Message-ID: <19990328.182506.-80181.7.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Looking for a schematic for the generator unit of a
Coleman PowerMate Pm-500 portable gas powered generator.
 No output> Troubleshooting suggestions welcomed.
I bought this at a yard sale today and should be a winner if I can get it
working.
       dave ab5pc fresno, ca.
_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Mar 1999 21:30:43 -0500
From: "J. Ervin Bates, W8ERV" <kb8tnq@voyager.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36789] Unknown Paddles
Message-ID: <36FEE5D2.1291DB04@voyager.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hope someone can help, but I recently purchased a brass racer (with a twist)!

Under the brass base of the paddles, there is a small circuit board and a small thumb wheel sticks out for adjustment. I understand that this is a keyer and it works nicely!

This is, of course, a Vibroplex and the serial number is 04138. If anyone can tell me about this.....i.e; the model number, when manufactured and sold, etc., I would appreciate it. Also any idea on the original price would be helpful.

Many thanks,
Erv W8ERV

Date: Sun, 28 Mar 1999 21:29:14 -0500 (EST)
From: Thom <thom@li.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [36790] QRPp
Message-ID: <Pine.SUN.3.95.990328212720.19194C-100000@linet01>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi all,
  Just checking to see if the winter issue of QRPp has been released by the guys at Norcal. I now it's a big project and this isn't meant as anything other than a question. Those folks are doing a great job and it's greatly appreciated.
Tom
WB2QDG
thom@li.net

Date: Sun, 28 Mar 1999 20:53:22 -0600
From: "Mark Hogan" <mhogan@email.msn.com>
To: "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [36791] RE:Whump.....
Message-ID: <000901be798f$658d5d00$5510fed0@compaq>

Well
If you all are done laughing, I went out to the garage again and started cleaning the other side.

There it was!
Well darn, a lot of work to get rid of those scars...
The Paddle lives!

Now where can I get an iambic keyer to train on? Can one of those tic's be used? Any of you have any Ideas? My FT-847 did not come with a practice mode, and I'm not ready for the air yet... :)

Thanks

Hogan / N5OBC

Date: Sun, 28 Mar 1999 22:07:22 -0500
From: LYN <designserv@ipass.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Cc: Jeff Wittich AC4ZO <jwittich@pagesz.net>, "klqrp@vramp.net" <klqrp@vramp.net>
Subject: [36792] First pictures from Knightlites QRPp expedition to Core Banks
Message-ID: <36FEEE6A.4ACA9E78@ipass.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have just received a request from Sir Jeff, AC4ZO, who was newly knighted by the Knightlites during the return voyage from our QRP expedition to the Core Banks this weekend. We will certainly furnish more details later about our successful trip in which we made transatlantic communications on 80 meters CW with QRPp power levels.

Jeff has posted the first pictures of the trip on his web site at:

http://www.pagesz.net/~jwittich/

and has requested that we forward news of the posting to qrp-l.

Hams on both the US and the European end of this series of contacts worked long and hard but had a very good time.

More information later.

Lyn, W4WDN

Date: Sun, 28 Mar 1999 21:19:54 -0600
From: guillotstutoring@juno.com
To: qrp-l@Lehigh.EDU
Subject: [36793] Re: CB to 10 Meter Conversion
Message-ID: <19990328.211956.-908805.0.guillotstutoring@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

On 24 Mar 99 09:29:31 MST John Pate <kb4utv@netscape.net> writes:
><html>
><body>
<snip> HTML (whatever that means), <snip>

HoT Monkey Lovin'? ;)

Ed Guillot, N5ED
New Orleans, LA

_____
You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 28 Mar 1999 19:45:35 PST
From: "Justin McAllister" <kd5ako@hotmail.com>
To: qrp-l@Lehigh.edu
Subject: [36794] Formal application for 52X state multi in QRPTTF
Message-ID: <19990329034536.83873.qmail@hotmail.com>
Mime-Version: 1.0
Content-type: text/plain

I am formally presenting, after much contemplation, my inquiry to the group of recieving my 52X multi for operation at the borders of all 50 states+Mexico and Canada. Due to lack of common sense, lack of the yearn to HAVE FUN in an informal contest, I have decided that by operating from a boat anchored at the mouth of the Rio Grande, at the border of Texas and Mexico, I will be be, by some route or another, "accross the water" so to speak from all 50 states, Canada, and of course, at the Mexican border. Here is how my new, nonsensical logic works out:

To begin, I am at the TX/Mexico border, so there's two.
Getting in my theoretical rowboat, I could row to all states on the Gulf and the Eastern Seaboard...lets see, that's LA, Miss, Ala, Fla, Ga, SC, NC, VA, MD, DE, NJ, NY, CT, RI, MASS, NH, AND ME. We're up to 19.

Then, still in my row boat, I could row up the Patomic, taking care of WV, up the Delaware, knocking of PA, and up the Connecticuit to VT. Now that's 22.

Then up to the St Lawrence, which touches, by some way, Michigan, WI, and Minnesota, and Canada. Thats 26.

Then, back to the great Mississippi, which, through tributaries, takes care of AR, TN, KY, IN, OH, IL, Missouri, IA, ant through a couple of turns, OK, Kansas, Nebraska, South Dakota, North Dakota, CO, WY, NM, and Montana. We're up to 43.

Ok, a short trip around South America, (and since we're sticking to logic here, I won't count any of those countries) and were to the west coast, where by way of the Colorado, the Colubbia, and the Snake, I can easily row to CA, NV, AZ, WA, OR, ID, and Utah. Our trip almost complete, I'm up to 50 spc's.

Just the quick trip up to AK and out to HI, and I have successfully proven that since I am "across the water from these 52 spc's, then I deserve the first ever 52X multi.

Thanks for your time, and I expect no one will find fault in my logic, since the beach of CA obviously borders Japan.

Justin McAllister, KD5AKO
Weatherford High School ARC Pres
QRP-L 1849
ARS 491
NorCal, ARRl, TCARC-NTX
Get Your Private, Free Email at http://www.hotmail.com

Date: Sun, 28 Mar 1999 22:47:48 EST
From: SKIPNC9O@aol.com
To: SKIPNC9O@aol.com, qrp-l@lehigh.edu
Subject: [36795] Re: FS: Norcal paddle kit
Message-ID: <e7dc7672.36fef7e4@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

   The paddle kits are sold in 5 minutes.
I had 2 kits and they both went.
    Wish I had more, Thanks for all the
replys. If by some strange chance one
of them back out I will keep a list and the
next person will get them.

73, Skip Davis NC9O

Date: Sun, 28 Mar 1999 22:58:03 -0500
From: Joe Everhart <n2cx@voicenet.com>
To: qrp-l@Lehigh.EDU, njqrp@njqrp.org
Subject: [36796] FS Gusher Antennas (longish)
Message-ID: <199903290358.WAA55764@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Group,

The Gusher dipole antennas are still available. I have reproduced
below some info on them, which I do periodically. I apologize to those
folks who looked me up at Atlanticon hoping I would bring some along.
Alas there was too much to do beforehand so I did not. However I *do*
have some in stock and will be glad to ship them by Priority Mail. The
USPS targets delivery of that mode in 3 business days or less to
mainland US addresses.

E-mail me directly for more info and (if you can handle attachments)
.JPG photos of the antennas.

**********Gusher Antenna Info**********

Gusher-2L Multi-band Portable QRP Antenna
        1 pound dipole ideal for portable use as an inverted vee
        Can be configured for multiband use
        Complete with all parts - you cut to length
    13 page configuration/application manual

Gusher Classic
        1 pound dipole ideal for portable use as an inverted vee
        You cut it for any single band from 40-10 meters
        Complete with all parts - you cut to length
    10 page configuration/application manual

Gusher 20-20 Economy 20 meter QRP Dipole

1 pound (-) dipole ideal for portable use as an inverted vee
Similar to the Classic precut for 20 meters
5 page info pamphlet

All antennas are supplied with complete cutting and application info.

Now the best part. Prices are now rolled back to Dayton levels!

Prices:

Gusher 20-20 $20.00 -special price- postpaid (US)

Gusher-2L $25.00
Gusher-Classic $20.00
Postage $ 3.00 US, (each antenna)
$ 5.00 foreign (each antenna)

Antennas are usually in stock and will be shipped promptly by Priority mail to US addresses.

For additional info contact:

n2cx@voicenet.com

or write to

Joe Everhart, N2CX
214 New Jersey Rd
Brooklawn, NJ 08030

****

72/73,

Joe E., N2CX

Date: Sun, 28 Mar 1999 22:11:30 -0600
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <henryf@quartz.gly.fsu.edu>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36797] Re: Tuners: 949 vs 969
Message-ID: <002f01be799a$3a361560$3937a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Henry,

Just some thoughts:

I don't know exactly where your shore station will be but from experience I can tell you that the 4.5 MHz range will probably be the band of choice for night time comms and the 6.5 MHz (if available to you) will be the work horse band during the day. I was the radio operator/technician for the shore station WFE in Houston years ago and most of our communications were with our ships in the Gulf of Mexico at the same kind of distances that you spoke of. 2.5 MHz wasn't available to our shore station but our ships used it a lot for ship-to-ship communications. It would of probably been useful when the ships were at port in Galveston.

As far as the antenna tuners are concerned, the switched inductor tuner may be easier for the secretary to use. I would suspect that the taps are arranged to provide a match to the widest range of impedances, not necessarily to the ham bands. If it won't match your antenna you can probably just change the length of your antenna a bit to bring it within range. If the budget isn't much of an issue, you may want to look at the automatic tuners made be SGC. I've heard good things about them and they seem ideal for your situation but I have not used one myself.

Of course for the greatest simplicity I would recommend resonant dipoles cut for the frequencies of interest with possibly an antenna switch controlled via the logic from the Icom rig. If there is a chance for operating the rig into the wrong antenna or tuner setting it will happen. Since most of your communications may be NVIS a low dipole would work well. It will also reduce QRM from longer distances (river boat communications up the Mississippi and Ohio Rivers was always a problem for us on the Gulf coast).

By the way, are you the same Henry Freedenberg that belonged to BVARC in the late '70s, early '80s time frame? If so, you may remember me under my old call of KA5DUU and my wife KA5SGM.

73,
Steve Yates
AA5TB
Fort Worth, TX
http://home.swbell.net/aa5tb
aa5tb@swbell.net

Date: Sun, 28 Mar 1999 23:08:47 -0500
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Subject: [36798] Re Patcomm PC9000
Message-ID: <36FEFCCF.78E4@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I saw a comercial ham dealer at the Timonium/Atlanticon hamfest today, ARW, which had one of the Patcomm rigs on display. (It's a 5 watt rig that will also do 40 watts.) Neat little thing--in the same general class as the SGC2020 and the K2. I only glanced at it in passing, but did give the dial a quick spin. The alphanumeric display showed something like the name of the company and the model number of the rig, and when I spun the dial it still showed the same thing, which is a classic sign of being a mockup for static display while the design is finalized or production gears up or whatever. I note that the ARW web page--last updated in July 98!--indicated that it was not shipping yet, so I just sent them e-mail about it. I checked the Patcomm site later and it indicated that they would start shipping in late Feb 99. (Another one in need of update.)

If anyone is interested, they can look at the Patcomm web site at

http://www.qth.com/patcommradio/

I also found this one using the Dogpile search engine -- www.patcommradio.com -- but don't go there--it contains nothing yet.

You can find the US dealer, ARW or Amateur Radio Wise, at http://www.radiowise.com/

This looks like a pretty neat little rig worth checking out. And it also covers 6 meters in addition to HF.

Disclaimer? You want a disclaimer?!? I never even heard of Patcomm or their radio or the distributor until this afternoon!
--
73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Sun, 28 Mar 1999 20:27:07 -0800
From: David Fifield <fifield@pacbell.net>
To: kd5ako@hotmail.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36799] Re: Formal application for 52X state multi in QRPTTF
Message-ID: <36FF011B.5F9375CD@pacbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Nice one Justin - I'm looking forward to hearing you send my report!

&8^)

72, Dave Fifield, AD6A

Justin McAllister wrote:
>
> I am formally presenting, after much contemplation, my inquiry to the
> group of recieving my 52X multi for operation at the borders of all 50
> states+Mexico and Canada. (snip)

Date: Sun, 28 Mar 1999 22:29:07 -0600 (CST)
From: maprath@prairienet.org (Mark A. Prather)
To: qrp-l@Lehigh.Edu
Subject: [36800] MFJ-9030 help?
Message-ID: <199903290429.WAA06306@bluestem.prairienet.org>

Hello to the list....

I am having a bit of a problem with my MFJ-9030. When using a 150 foot random wire antenna at night - I get quite a bit of voice broadcast at a few spots up and down the band. I presume that this is coming from either the 9 or 11 Mhz bands... Can anyone point me to an article or webpage that might give me some insight on some mods to reduce or eliminate this???

Thanks and 73.

Mark
WB9HFK

--

* Mark A. Prather - WB9HFK   * maprath@prairienet.org *
* QRP-L # 1159 * QRP ARCI # 9472 * mprather@halcomm.com   *
* Norcal # 2507   *

Date: Sun, 28 Mar 1999 22:12:46 -0700
From: Jess Gypin <jessqrp@concentric.net>
To: qrp-l@lehigh.edu
Subject: [36801] Mountain Vistas and QRP DX
Message-ID: <36FF0BCD.3A73BED2@concentric.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all,

Just got back from the weekend in the mountains near Rocky Mountain National Park. Had some very interesting QSO's that I thought you all might like to hear about. The contacts were not plentiful, but enough to keep the interest up!

I have used an 80 meter twin lead fed dipole, the SLV fishing pole vertical, and other antennas over the years. This year I went for simple. Took a 90 foot role of 18 ga. stranded wire and hung the end of it in a pine tree at about 45 feet. Then just hooked the other end to the tuner. Then hooked a counterposie to the tuner ground of about 20 feet. It tuned up on 40 meters, 30 meters and 20 meters without too much fuss.

First QSO of note was on 20 meters at about 0445 pm MST on the 27th. Was WQ4RP/NA 67. Did not even know that they were going. They called me after I had CQ'd for about 10 minutes near 14060. Deep QSB, but we got it done. Guess the end fed wire was working! Next QSO was at about 0645 pm MST with KG4ADU Chuck in Atlanta. Nice chat! The heard WB6ZFG calling CQ/qrp at 7014. Not that ususal to hear that type of call that low in the 40 meter band. Called him and it turns out that he was skiing in Tioga Wash CA and in a cabin. He was using an MFJ rig and a folded dipole that was hung on the skis on the snow only up about 5 feet. Nice signal and contact, though. Thought it was a hoot that he was portable as was I and had a nice chat!

The last contact for the trip was a really nice one. Heard 3D2QB calling CQ on 30 meters the next morning. He only got one stateside person calling him and then he signed. I sent my call 2 or 3 times and /QRP and

was about to give up when I hear "AE0CW/QRP 449 BK". I was thrilled. I sent back "559 559 TU for FB QRP contact. Running 3 watts to end fed wire BK". He finished with "great QRP signal here, keep up the good work, like to work QRP stations. 73 de 3D2QB". What a hoot. New one for me on 30 meters, marginal antenna, on vacation and first DX with the new call. Was a good time. Nice antenna trees, lots of falling snow, elk and peace and quiet. How can it get better?

Jess now AE0CW

--
Jess N0TFI <><
http://www.concentric.net/~jessqrp Personal Home page
http://qsl.net/n0tfi/bug.html Bug Stories

Date: 29 Mar 99 00:16:19 EST
From: Roy Lincoln <wa4dou@usa.net>
To: maprath@prairienet.org, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36802] Re: [MFJ-9030 help?]
Message-ID: <19990329051619.3752.qmail@www0t.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

HI MARK,
  ITS PROBABLY 6 MHZ. WHICH , I THINK I REMEMBER AS BEING THE I.F. IN THA=
T
RIG. A WAVETRAP SHOULD HELP(PARALLEL RESONANT OR SERIES RESONANT DEPENDIN=
G ON
WHETHER YOU WANT TO KEEP THE ENERGY OUT OF A CKT. OR WHETHER YOU WANT TO =
SHUNT
IT TO GROUND). BOTH, USED IN THE RECEIVER FRONT END MIGHT BE HELPFUL. DO =
YOU
HAVE A GOOD EFFECTIVE GROUND AT YOUR STATION NOW?
                              73 ROY LINCOLN WA4DOU (N.C.)

Hello to the list....

I am having a bit of a problem with my MFJ-9030. When using a 150 foot

random wire antenna at night - I get quite a bit of voice broadcast at
a few spots up and down the band. I presume that this is coming from =

either the 9 or 11 Mhz bands... Can anyone point me to an article or
webpage that might give me some insight on some mods to reduce or =

eliminate this???

Thanks and 73.

Mark
WB9HFK

--

* Mark A. Prather - WB9HFK * maprath@prairienet.org *
* QRP-L # 1159 * QRP ARCI # 9472 * mprather@halcomm.com *
* Norcal # 2507 *

_____
Get free e-mail and a permanent address at http://www.netaddress.com/?N=3D=
1

Date: Mon, 29 Mar 1999 00:19:41 -0600
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>, <qrp-l@lehigh.edu>
Subject: [36803] 10 Meters in great shape this weekend
Message-ID: <19990329062133.FXYS28134@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

As I was preparing to leave for the Iowa QRP
meeting Saturday morning (a 1 1/2 hour drive
to Iowa City from Urbandale) I noticed my
HTX-100 10 meter mobile rig sitting on the shelf.
So I thought to myself why not? I haven't used the
rig for several years and it might be fun to see how
the band (and rig) is faring.

I've never operated mobile very much so some last
minute engineering was in order. I used a converted CB
mobile whip (Radio Shack mag-mount). I also needed a

level space to place the rig. I didn't have a
piece of plywood small enough (or the time to do some
creative woodworking) so I used a roofing shingle sample book
(abandoned by the roofer) resting on a 1 1/2 foot piece of 2 x 2
wood (at the lowest end) as my operating bench
(on the passenger seat).

After verifying the SWR was acceptable (with my MFJ 259
analyzer) I was on the road. Imagine my delight after turning
on the rig and discovering a major contest! DX was everywhere!

It didn't take long to start logging contacts. I nailed IK8UND and
EA8ZS right out of the gate. Next came LU1NF, ZS6EZ, and TM1C.
I was casually operating spending more time watching the road (grin)
and tuning/listening. I finally came upon UT0ZZ and just could not
break through the pileup to snag him. So I decided to pull off the road
for a couple of minutes to concentrate on this one. I took the next exit
and found a comfortable spot off the main road. As I reached down to
grab the microphone I noticed the rig was in low power mode. I had
been operating SSB QRP mobile the whole time! The rig puts out 25
watts on high power and 5 watts on low power (according to the
documentation; my OHR WM-1 records slightly higher levels but it is
definitely under 10 watts SSB....legal QRP). I ended up needing to
go to 25 watts to break the pileup but I logged him.

I was almost to Iowa City so I powered off the rig. The meeting was
wonderful
and a good time was had by all. Several items were brought for show and
tell
and the members enjoyed lunch together.

After the meeting I hooked the rig back up and started out of the parking
lot. I
worked ZD88A before getting out of the lot. Oops still on high power from
the
UT0. I slipped the power back down and had a blast on the way home. I
added
HJ3PXA, WP2Z, VK4EMM, VK4IU, KH6ND, T42R, and CE3F all SSB QRP mobile!

It was a good time and I encourage you all to dust off those 10 meter
mobile rigs and
start having fun! QRP and 10 meters are a great combination.

72/73, John
Urbandale, Iowa

Date: Mon, 29 Mar 1999 01:24:07 -0500 (EST)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [36804] QRP ARCI NEN QRP NET
Message-ID: <Pine.BSI.3.96.990329005354.5356B-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

This is a short note to let all know that there is some activity again on the QRP ARCI NEN (NorthEast Net). The net is very informal and friendly. All are encouraged to join in the fun on Saturday Mornings at 8:00 AM EST

BOB, K2QJ is the NCS for the NET. Look for the Net on or near 7.040 MHz.

>From the Reports received from Bob, it appears that the Activity is picking up already.

Here are some of the Calls Active on the Net in the past two months.

K2QJ NCS	BOB	NJ
WA3PTY	AL	PA
WB3WOJ	DALE	OH
WB3GCK	CRAIG	PA
WA1JXR	GREG	MA
W1GVQ	MARCO	RI
N3AMG	FRED	MD
N8KBG	RON	MI
WA3GYW	FRANK	MD
KE2KW	KARL	NJ
VE3GOX	JOHN	ONT
NZ8J	TIM	OH
K2GC	JERRY	NY
N8MFN	RICK	OH
KC4URI	STEVE	VA
AK2A	DAVE	NY
KO4PY	BRENT	NC

Want to check out that new rig and get an Honest report? No better place than on the QRP Nets. Their main purpose is to encourage 2 way QRP QSO's.

Need a state for WAS QRPp? This is a good place to start. Great place to improve your code speed. Not so fast? No problem, We also have Straight keys on line and know about SLOW. Your Speed is our Speed when it is your turn. Don't know the Q Signals? Not to worry, They are in the Book, but we only use a few to help keep things a bit organized. Don't understand something, ask...

Now if I can just get some of my stuff fixed and get back on the NETS
again myself.

Jump in when you can, the waters fine... :^)

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Mon, 29 Mar 1999 08:51:07 +0200
From: Eim Mulder <mulder@nfra.nl>
To: qrp-canada@lists.gpfn.sk.ca
Subject: [36805] Ideas asked for shorted aerial for 80m.
Message-ID: <s6ff3f1b.066@server4.nfra.nl>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hi,
 Where i Live i do not have much room for placing a full size dipole or =
whatever for 80m. The maximum length what I can reach is about 14m (46 =
ft), the highest point I can reach is 9m at the house and 3m at the back =
of the garden. The width of my back-yard is about 5 m

I wonder if someone have probaly the same problems at home or is living in =
a resticted area and is willing to give me some good solutions.

For 40m I am using a shorted dipole with two loading coils and this work =
good enough, I have tried the same for 80m but the results where very bad =
and very difficult to tune in. I have already made some experiments with =
magnetic loops but Iam not very satisfied with this type of antenna.

Who can help me out,.....EIM.....=

.....PA3CMD.....QTH is Roden, The Netherlands

Eim mulder

mulder@nfra.nl

Date: Mon, 29 Mar 1999 03:03:09 -0800
From: "D. Hammond" <wdp@kconline.com>
To: delmore@seeourwebsite.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36806] Re: Indiana qrp eyeball qso interest ?
Message-ID: <36FF5DED.770ACBFD@kconline.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi David,
I am new to this mode of operations, but I think I can help you.
I have also been interested in Indiana Qrp group.
So far I have found a small group at:

http://www.accenttech.com/qrp/

A possible QRP Club, looks great to me.
I don't get down to Indy very often but would be happy to qso on 40mtrs.
I hang out 4,040+

David Elmore wrote:
>
> Would like to know if there is a QRP group that gets together in Indiana.
> Also if there is any interest in meeting to discuss QRP at a spot close to
> those interested, such as Indy?
> I would enjoy a monthly session or meet at hamfests this summer.
>
> 72'3 KE9PO West Lafayette, IN home of Purdue University

--
Dwight Hammond, Radio WC5W
http://www.qsl.net/wc5w/
QRP-L#1825 CQC#583 QRP-ARCI#9887 AK/QRP#466

Date: Mon, 29 Mar 1999 03:13:02 -0500 (EST)

From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Cc: "N.J. QRP Club List Server" <njqrp@njqrp.org>
Subject: [36807] Atlanticon 1999
Message-ID: <Pine.BSI.3.96.990329024820.7263A-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Wow! What a Great way to spend a Birthday. Actually it was on Friday, but The Party was All Day Saturday. :^)

Atlanticon 1999 was the most spectacular event on the East Coast that I can recall. The Talks were Great, the People were Great, and The Food was Great.

I don't know what the final count was for attendees, but I believe it was over 125. And MOST ALL received prizes. Everything from Books to Transceiver Kits.

Wish you could have seen the Homebrew Kite flying about 500 foot due South of the Hotel. Seeb ? Did a FB Job on that job.

There were Several Tables full of HomeBrew Stuff for the Contest. Plus a

few just there for "Show es Tell" Yep, I had the "QRP Cannon" on display

along with the MFJ Code Practice Machine.

A couple of VA Boys brought some "Real HomeBrew" for the judges :^)

There were several Vendors with New Stuff on display which will be available this Summer.

I got involved with the "Fix a Rig by Committee" team over in the corner.

We even got advise from the experts now and then.

Yes, we did finally fix that rascal of a 38 Special. It seems that the

Enable Line for the 240 chip (Pin 19) connects to the GND connection for

the the Tick Keyer Regulator. Or Should be Ground. Problem is, the ground

is picked up from the Top side of the board. (or should be :^)

The Moral of the story is to double check those SOLDER CONNECTIONS!

Especially if Plated thru holes are involved. I think we all learned a

few new things on that project.

I got to thinking afterwards that the "FIX IT CLINIC" might be a good side

for next years event. Are you listening, George?

I would have liked to mention all of the names of the team, but no matter,

we had so much fun I almost forgot to go home. :^) I did get home about

2:30 AM Sunday Morning..

Sir George, The First :^)

72 ES
QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net
QRP A.R.C.I. Net Manager and Board of Director Member.
Gingell & Company, Ltd. Small Business Telephone Systems
Notary Public and Locksmith Services
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117
Maryland Milliwatt Club QRP Reference Library, (301)572-6789
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Mon, 29 Mar 99 03:15:23 -0500
From: Chuck Adams <adams@ticnet.com>
To: "Robert P. Okas" <vintage@best.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [36808] Re: Latest NC Kit: humor, long
Message-ID: <E10RXKh-0004wo-00@smtp.ticnet.com>

Gang,

I'm sorry I'm new to the group. Does someone have
a copy of all the postings on the NC resistor kit. I
didn't think that I would need them at the time but now

I do. Thanks in advance.

Will this information be available on the QRP-L archive
CD?

Is there a URL for this kit? Anyone have digital
pictures on their web page yet?

:-)

dit dit

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Mon, 29 Mar 1999 02:14:09 -0800
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [36809] NC-20 Questions
Message-ID: <19990329101416.AMF12609@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Dave, Gary, and other Guru's:

Great kit. Wonderful feeling hearing that AFA chip talk to you when you push the button during step 11 ... but I'm a little bit confused here. I planned to use a remote switch for the AUTO/MANUAL choices (not sure where I'll put it yet), but noticed during testing that in both switch positions I got the same results -- what seems to be manual mode. Is this normal during this phase of the project? Or should the two different modes be fully operational from this point?

And one question about section 12--Keyer and transmit control.... have there been problems with some of the 2N3906's --- are some of them defective?? Because I have input voltage of 12V on the transistor during the TICK (s t ....) tune mode , I hear the steady tone in my earphones but the voltage at the topside of R98 is 0 instead of the nominal 12V Dave suggests.

TheTICK works fine and the tune signal is there, and the keyer works fine -- but the 2N3906 doesn't seem to be conducting. I don't believe it had excessive heat when I soldered it, yet for some reason current is not passing thru it. Any thoughts would be appreciated, please and thankyou!!!!!
72/73 de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA
http://home.att.net/~alan.kaul/qrp.html
alan.kaul@worldnet.att.net
w6rcl@amsat.org

Date: Mon, 29 Mar 99 06:00:14 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36810] Atlantcon 99 de K5FO [long]
Message-ID: <E10RZuE-0005HX-00@smtp.ticnet.com>

Gang,

Well the list continues to grow: Dayton, Pacificon, Ft Tuthill, Ft Smith, and now Atlanticon!! So many gatherings and so little time.

I got there a little late on Friday. You know how it is. You carefully pack and get ready and then when you get there you don't have the directions. :-) Even the MD State Patrol gave me the wrong directions. That outta get me a ticket the next time I'm in the area. ;-)

The group was still going strong after 9pm and it was a lot of fun to meet the names and calls that you only know from email and postings. "Oh, you don't look like I thought you'd look."....

On Saturday there were about 125 or so for the Forum. This is an outstanding number for a first time QRP event!! It was only the hard work and lots of time and energy put into bringing all together by the NJQRP Club that made it all possible. Thanks to George, Joe, Dean, Dennis, and the whole gang. All of us that attended thank you guys very much. It was an honor to have been a part and to be lucky enough to have been there for the start of something big. Every journey begins with a single step and this looks like a wonderful trip for the QRP world.

I'm sure that you guys had days and times when you wondered if it was worth it and lots of issues to resolve. >From someone outside the "inner circle that did the work" it looks polished and well done. We know you did it and we know that it was difficult. Good job. Take a bow and for next year let the QRP-L group and QRP community know if you need anything. Sixty prizes has got to be a record of some kind.

After the day of presentations everyone broke up to run for the restaurants then back for the social and building contest. There was a large crowd and the enthusiasm was fantastic.

I have been a judge at a lot of building contests at Dayton, Pacificon, Ft Smith, HamCom.... Let me tell you it is a very difficult job for many reasons. The QRPers are getting better and better every year (not that they have ever been that bad) and the ideas and projects are getting more complex and ingenious. When we decide on a winner or winners there are many many projects that don't make #1. That is not a critique of a poor job or of work now well done. I'd give everyone a prize if I could (I did at Dayton the first time Doug got me to judge :-) You'll note that he doesn't do that any more without first telling me that there are only so many prizes... :-) Thanks to the group for the prizes and thanks to the entrants for making our job as judges so difficult. Thanks to Paul Harden, NA5N, and Dave Benson, NN1G, as co-judges. We had a tough time on deciding the projects were all good.

Building contests have become so much of a integral part of gatherings and what we call "show and tell". By displaying a project we all learn. "Oh, that's neat." "Can I borrow that?" "How did you do that?" "Can I get a schematic?" .... All are comments and thoughts that we all have when we see the work(s). After one of these things I'm sure there are a number of people that rush home and try it out or add something to their work. It is a part of Elmering and growing process for the hobby. Again, thanks to all the builders for participating. There are no losers - we just ran out of prizes.

Someone brought some equipment and a 38-special they were having a problem with. You should have been there to see just how many people were gathered

around. When I left after looking at the schematics and pointing out what the chip enable line was doing I said "resolder pin 19". About an hour later they came into the central attrium of the hotel where a bunch of us were gathered and sure enough that was a part of the problem, so we all felt good about that. The point being that at large gatherings a debugging session should be planned for helping out others that have had a problem that seemed impossible to solve. The task of debugging is an educational exercise worth doing. I always tell people that you learn more from something that doesn't work than from something that does work. Steve Weber in his talk gave an excellent overview of the debugging process. I'm sure that you'll see an article appear somewhere from that talk.

So Saturday was a wash for me on the swapmeet. Sunday I had a few hours before having to make a mad dash for the airport so took in a part of the tailgate and vendor area. This thing is bigger than HamCom in Dallas gang. And I only saw the Sunday gathering which was smaller than the Saturday crowd. I got a good deal on Rapidograph points (since I am an art major now), the new QRZ-CDrom, and some AA NiCads for the Sony Walkman.

So Atlanticon 99 is history and now a part of the history books. As for me it was another wonderful experience and well worth the time and effort to take it in and be there. I hope that I got to meet everyone as it is important that we all get together and share. Email will never ever replace meetings and gatherings such as these. People are important and without interaction we will not grow as a group or as individuals.

Things learned:

1. Seab had the kite on Saturday for a demo in the lot. Now gang, I know that over the years of the life of this group we have all seen the postings on flying a kite for antenna support. I personally didn't have an interest until I saw it in person. It was just a curiosity until now. So for "Run for the Border" I have to make an effort to try it. Did I tell you about the wind last year? :-)

2. On the way back on the flight there were so many ideas and things to be done in the future. We've already seen postings for requests for information. I know that my talk on SPICE will appear in QRP ARCI's Quarterly. I'm sure that the other presenters will most likely have their stuff done in QQ or other newsletters.

   Let me tell you something about being an author.
   a. Pick something that you know about or want to know about or would make an interesting topic for writing up.
   b. Research the Internet, ham radio magazines, other newsletters, ARRL pubs, etc.
   d. Construct, debug, and measure circuits if it is hardware topic.
   e. Write it up and maybe have several friends review it and get feedback. Polish and polish and more polish helps.
   f. Send it to an editor of the publication.
   g. It can be something that is only one page long. You don't always need to be thinking that you need to write a book. :-)
   h. Don't be discouraged if you get rejected. Even Steven King and other famous authors started out this way. Keep coming back.
   i. There are a number of newsletters and major magazines that are hungry for authors. Even QST calls for articles lately. Think big gang. Go for it. YOU can do it. If 3,000+ QRPers got to doing this the rest of the ham community will get to thinking that there really is something to this stuff....

So, George and the gang in the NJQRP Club. Good job and a five star rating from me personally. The enthusiasm and hard work is obvious. It is the sincere hope of the QRP community that you will consider doing it again and don't hesitate to ask for help.

Let me go out again on a limb here gang. Let's all support these activities as much as possible. Yes, there is the cry for free activities but these things are not free. Someone has to pay for the rooms, some of the speakers expenses, and hopefully the expenses for George and others in doing this. I had help from Donald Trump on my expenses so my donation of the trip is my way of helping on this project. I am concerned that we not all get caught up in a trend that all such activities and their expenses be carried by the group doing all the physical labor and investments of personal time. Contributions from outside the organization will go a long way to help assure that the event happens again. Keep that in mind the next time these things come up. Just my $0.02 worth of contribution to the topic.

I'd guess that next year the number in attendance will hit 200.

I think I forgot the homework assignments. But one is very important.
I know that a bunch of people mentioned to me that they were really
pumped up and ready to go after the meeting and they came away with
more enthusiasm. Your job is to go out and recruit another QRPer
for next year. Get someone that was active as a ham but isn't now.
They just need something to get excited about. Find someone who
is not a ham but might have an interest and Elmer them into the
hobby. Don't be overly aggressive, just work on them a little at
a time or find someone that just needs help.

And the other comment overheard. "I didn't know there were so
many QRPers in the area." I can tell you from what I have heard
and seen over the years. Start with just two or three people
meeting once a month at the same time and place and tell others.
The group WILL grow. Don't change the time and place. Sure, some
of the group will miss sometimes but as the group grows who cares? :-)
It gains a life on its own. Just look at the comments others groups
make on how they got started. They pretty much have the same theme.

As Preston Douglas mentioned the hotel was nice and the hot water
and A/C worked. The meeting room was nicely done and thanks for
the breaks during the day.

So, next year Timonium is on the list of must do meets for a lot of
us. Heck, I can spell it now.

A million thanks again for a job well done by the Atlanticon team
and I'd like George Heron, N2APB, to be sure to list all the team
members for the records of QRP-L and the permanent history of QRPers
everywhere. I know the he is exhausted and will need a few days
to recover. Take the well deserved time off and rest up George.
I just want to make sure that we all know who we need to thank
and remember for this incredible event.

Is this hobby great or what?

dit dit de K5FO

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Mon, 29 Mar 1999 06:53:07 -0500 (EST)

From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: George Heron <n2apb@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36811] Re: Atlanticon is HERE--and now gone. . .
Message-ID: <Pine.GSO.4.10.9903290622490.11243-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

To George, all of the NJQRPC crew, and everyone in attendance,

Let me note what a privilege it was to kick-off the first Atlanticon QRP conference. Saying "Good Morning" to 125 of the finest hams in the US was a treat, a pleasure, and an experience I shall not forget.

Some high points for all to remember:

1. The other speakers: as fine a group as you can imagine, and I have been writing notes ever since on good ideas, new ideas, and even some funny ideas ever since.

2. The prizes: I do not know whatc the final count was, but think it was one short ofthe number of attendees--know that because my number was never called. But the generosity and support of other folks (ARRL, H&B, EPA Club, QRPARCI, and other groups and individuals) was a marvel to behold.

3. The proceedings: excellently produced, with added materials that should help builders have more success at their craft. The range of topics is reflective of the symposium scope: everything from the sun to propagration to antennas to circuits to troubleshooting to operating.

4. The facilities: although isolated from the Bay, the hotel was first rate, the conference room was spacious despite out numbers, the hamfest was next door--but no one I saw brought a swinsuit to use the indoor pool. Actually, no time, with activities from Friday evening to Saturday night.

5. The work and dedication of the NC Club folks: Absolutely tops. Anyone who says that Yankees cannot be gracious and helpful has not met this group of folks. (I am a transplanted CT Yankee myself.) George Heron's endless energy was matched by that of the other memebers of the club. They made the usual conference snags disappear in seconds--a new record.

6. The MD locals: need a word of thanks to them also for supporting the effort, including Mike C's kind effort to get my YL and me from BWI to the hotel 30 mysteriously routed minutes away.

7. The folks who brought either their QRP products or their homebrew efforts to display: a full room of scrutinizing, questioning, and

learning--which is what this group is all about.

8. The attendees: I hope I did not miss anyone who had an extra question or two to pose in the halls during breaks or at the evening social hours. If I missed anyone who had a question related to my talk or other matters, I apologize. I shall miss the opportunity for exchange from which I always learn more than I convey.

In my estimation, Atlanticon will become a standard feature of East Coast QRP activities every year. If you did not go this year, be there next year They will likely have a full slate of new speakers with new ideas. But if you are asked to make a presentation. by all means accept (and make it easy on the gang by having your materials in early). You will certainly be energized by your interactions with the other attendees and go away ready to say to George "Well, if you get in a bind, I'll be glad to help out next year, too." My thanks to George and the NJ gang for inviting me to present. Despite a dental emergency, we still managed to stay happy the entire time.

If you missed Atlanticon, make plans to be at FDIM or Pacificon--or one of the other symposia for QRPers. You will leave and drive hopme with one hand on the wheel and the other holding a portable soldering iron. I know that I am looking forward to FDIM in May. (For those at Atlanticon, it will be a different presentation about entirely different antennas.)

I am waiting for a mountain zone conference, perhaps ramrodded by CQC--perhaps a Denvercon or a Desertcon. . .hmmm.

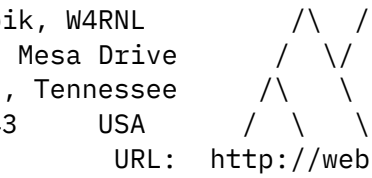
Plant the seeds. THey will grow.

My thanks to all the folks of and at Atlanticon for a great weekend and for all your kindnesses to the wake-up alarm on the agenda.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html



Date: Mon, 29 Mar 1999 08:27:16 -0500

From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [36812] Atlanticon, incredible
Message-ID: <3.0.5.32.19990329082716.007fb910@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

First I want to personally thank the NJ Qrp club for an absolutely incredible event. I really enjoyed the event and would go again in a second. It was so nice to meet all the folks that attended and I learned an auful lot. My head was stuffed and now is kinda lumppy with all the info. Well got to now digest it all.<g>
Tnx Chris/n3xrv for bringing the Mercs and allowing me to be the first one to slobber and fondle them<g>.
I hope to see more of you folks in Dayton this year.
Again thanks to everyone for attending and glad that despite all the weather woffling, it turned out pretty good.
Maybe next year we'll have better wx and I'll stop trying to nagociate with Mother Natures union.<g>

72/73 de Scott/n3byy
Fists #5030

Date: Mon, 29 Mar 1999 08:30:27 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [36813] 1 watt CA contact
Message-ID: <3.0.5.32.19990329083027.007dba30@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well wouldnt' you know I heard Ann/ke6oio calling cq on 21.142 and I answered getting a 449. I was running 1 watt into my indoor mini g5rv. I sent that info to her, but qsb became extremely bad plus the station tuning up on us made her response unreadible.
In any case one I'll be qsling like all the others that yes, I know I'm behind once again.
Was neat.

72 de Scott/n3byy
Fists #5030
Laurel MD

Date: Mon, 29 Mar 1999 07:05:14 -0600

From: KQ5U <kq5u@flash.net>
To: Post to List QRP-L <qrp-l@Lehigh.edu>
Subject: [36814] NC-20 Help Needed?
Message-ID: <36FF7A8A.92150C1E@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Dave for pointing me in the right direction
There is a message here. BE CAREFUL. The problem was the resistor.
Wrong value was installed. I'm back on the road to completion.
>
> David Fifield wrote:
>
> > Terry,
> >
> > It sounds like you have D17 in backwards (or D17 is dead).
> > It could also be that you have the wrong value in for R67 (maybe
> > you have 220K instead of 220Ohms here?).
> >
> > Let me know how you get on - I'll work with you till we solve
> > this one!
> >
> > 72, Dave Fifield, AD6A
> >
> > KQ5U wrote:
> > >
> > > I have been trying to get this issue resolved and have not been
> > > successful. It is now time to ask for help/ideas.
> > >
> > > I finished section 14 (AGC) and the receiver will not mute in the
> > > transmit mode. The voltage at test point "S" will drop about
> > 0.75v to
> > > 4.75v and
> > > that is it (it should go to zero).
> > >
> > > All of the voltages check except for those on Q13. They
> > > are as follows: Rx E= 5.54, B= 6.17, C= 12.95 and Tx E= 4.75, B=

> > 5.46,
> > >
> > > C= 12.95.   On transmit the voltages should be E= 0.3, B= 0.9 C=
> > 13.4.
> > > My power source is 7 AH battery 12V.
> > >
> > > I have changed out Q10 - 13 and Q21. Also U9 checks out with the

> >
> > > correct voltages on both transmit and receive. I have also
> > checked for
> > > solder bridges and cold solder joints by resoldering and
> > de-fluxing.
> > > I'm just out of ideas and short
> > > on experience.
> > >
> > > So, HELP!
> > >
> > > KQ5U
> > > Terry
> > > Spring, TX
> >
>

Date: Mon, 29 Mar 1999 08:38:18 -0500
From: Frank Alwine <n1gpy@together.net>
To: qrp-l@lehigh.edu
Subject: [36815] Re: Latest NC Kit: humor, long
Message-ID: <36FF824A.5C3B1FDC@together.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

FOR AUCTION on eBay:

ULTRA RARE Norcal Resistor Kit! eBay #548902345

Unbuilt Norcal Resistor Kit, package is unopened.
Current bid only $427.53 with 3 hours left to go!

8-) 8-) 8-) 8-)

(and it's not even April 1st yet!)
72, de Frank KT1VT

Date: Mon, 29 Mar 1999 09:16:46 -0500
From: DNT1@daimlerchrysler.com

To: n1gpy@together.net
Cc: qrp-l@Lehigh.EDU
Subject: [36816] Announcement timing
Message-ID: <05256743.004E8217.00@lngodd02.notes.chrysler.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Frank wrote:

> FOR AUCTION on eBay:

> ULTRA RARE Norcal Resistor Kit! eBay #548902345

> Unbuilt Norcal Resistor Kit, package is unopened.
> Current bid only $427.53 with 3 hours left to go!

> 8-) 8-) 8-) 8-)

> (and it's not even April 1st yet!)
> 72, de Frank KT1VT

I guess it's a good thing Doug made the kit announcement when he did. A week later & we'd all have been second-guessing it's authenticity!

72/73,

Don T. AI4CW QRP-L#1670 EM64pw

Date: Mon, 29 Mar 1999 16:16:23 +0200
From: hw.merz@t-online.de (Hanns W. Merz)
To: qrp-l@lehigh.edu
Subject: [36817] Patcomm PC9000 ?
Message-ID: <m10Rcpz-0003IOC@fwd15.btx.dtag.de>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8BIT
Content-Transfer-Encoding: 8BIT

Dave and Don,

Thanks for the info.

Using the K2 for rtty is a good idea. This should be easily possible. I've

ordered a K2 (new version) abt 6 weeks ago. Eric e-mailed me that the delay would be 8 weeks. So I look forward to get the parcel in abt 3 weeks. Hopefully they can really deliver then ... I'm planning to use the K2 also for Pactor II which seems to be a good & effective mode for QRP.

72 de
Hanns, DK9NL

Date: Mon, 29 Mar 1999 06:23:38 -0800 (PST)
From: Brad Bradfield <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Cc: w2fmi@qsl.net
Subject: [36818] TRANSMISSION LINE TRANSFORMERS
Message-ID: <19990329142338.15341.rocketmail@web207.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Good from North Texas y'all - -

I went to the Weatherford, TX hamfest Saturday (which was great, by the way) and purchased a book in the flea market that I had heard of, but had never actually had my hands on. This is "Transmission Line Transformers", by Jerry Sevick, W2FMI, published by the ARRL. Mine is the 1990 second edition. This book is a wealth of information and an excellent reference for anyone interested in transmission line transformers (baluns, etc.) The book is very technical, but light on everything but the most basic math, and written in an "easy for the non-engineer to understand" style. If you're at all interested in transmission line transformers, buy a copy of this book! I think it's still in print and available from the ARRL or your nearest ham store that carries ARRL books.

72's es 73's,

Brad, W5CGH

===
Brad Bradfield, PE W5CGH Systems Engineer
(ex WB0CGH) Raytheon Systems Company

Real men talk with their fingers!!

QRP-L #377   SMIRK #4906
ARS   #72   Austin QRP Club #e

Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 29 Mar 1999 10:19:02 -0500
From: "John Humphrey" <jhumphre@ultra-tech.com>
To: qrp-l@lehigh.edu
Subject: [36819] Atlanticon 1999
Message-ID: <s6ff53b8.024@ultra-tech.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hello Gang,
    I promised the NM/AZ bunch a report on Atlanticon but what to say that =
hasn't already been said? The reports so far have been right on!! What a =
fun and informative weekend! Being able to put faces to names and calls =
was alone worth the 2 hour trip. The speakers all did a great job, the =
NJQRP group did a great job, I did a great job staying awake for the whole =
thing!!. All in all, a very productive and rewarding time. Met some new =
friends like Gody, Paul, and Harry. So, when can I signup for Atlanticon =
2000? Want to reserve my #001 badge so I have a matched pair!

72,73,
John H. W4IM
Stafford, Va

Date: Mon, 29 Mar 1999 10:21:04 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: QRP-L List <qrp-l@lehigh.edu>, gqrp@onelist.com, antennas@qth.net
Subject: [36820] Site update
Message-ID: <Pine.GSO.4.10.9903291018160.2842-100000@larry.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those who missed Atlanticon 99, I have placed at my site the talk I
gave on horizontally oriented, horizontally polarized large loop antennas
(HOHPLs, for short). It is listed in the lower HF section of the index

with today's date. I hope it will be useful to someone.

-73-

LB, W4RNL

L. B. Cebik, W4RNL
1434 High Mesa Drive
Knoxville, Tennessee
37938-4443 USA
(Off)(423) 974-7215
(Hm) (423) 938-6335
(FAX)(423) 974-3509
cebik@utk.edu
URL: http://web.utk.edu/~cebik/radio.html

Date: Mon, 29 Mar 1999 10:39:36 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [36821] please help with table
Message-ID: <3.0.5.32.19990329103936.008055d0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Ok, please reply privately unless you really believe this not to upset the list. This is not qrp realated, but is for my information purposes.
I got this from the ARRL study guide for the Advanced test.
I look at this table I have placed below and don't see any differences from the General frequency table. So, if I'm wrong or the info is, please let me know.
I just want to confirm this is correct so I dont' go studying the wrong info<g>.

{Page 1-5}

Table 1-2

Advanced Class High Frequency Operating Privileges

Band	Operating Privileges	Frequency Privileges
160 m	CW, RTTY, Data, Phone, Image	1800 kHz to 2000 kHz
80 m	CW, RTTY, Data	3525 kHz to 3750 kHz
	CW, Phone, lmage	3775 kHz to 4000 kHz
40 m	CW, RTTY, Data	7025 kHz to 7150 kHz
	CW, Phone, Image	7150 kHz to 7300 kHz

30 m	CW, RTTY, Data	10,100 kHz to 10,150 kHz
20 m	CW, RTTY, Data	14,025 kHz to 14,150 kHz
	CW, Phone, Image	14,175 kHz to 14,350 kHz
17 m	CW, RTTY, Data	18,068 kHz to 18,110 kHz
	CW, Phone, Image	18,110 kHz to 18,168 kHz
15 m	CW, RTTY, Data	21,025 kHz to 21,200 kHz
	CW, Phone, Image	21,225 kHz to 21,450 kHz
12 m	CW, RTTY, Data	24,890 kHz to 24,930 kHz
	CW, Phone, Image	24,930 kHz to 24,990 kHz
10 m	CW, RTTY, Data	28,000 kHz to 28,300 kHz
	CW, Phone, Image	28,300 kHz to 29,700 kHz

End Table 1-2

72 es tnx de Scott/n3byy

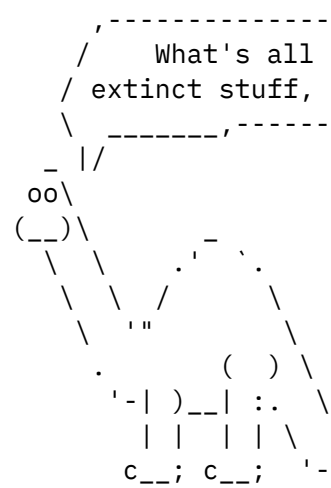
Date: Mon, 29 Mar 1999 07:54:20 -0700 (MST)
From: Chris Trask <ctrask@PRIMENET.COM>
To: Brad Bradfield <b_bradfield@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36822] Re: TRANSMISSION LINE TRANSFORMERS
Message-ID: <Pine.BSI.3.96.990329075258.28931D-100000@usr04.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Mar 1999, Brad Bradfield wrote:

>
>
> I went to the Weatherford, TX hamfest Saturday (which was great, by the
> way) and purchased a book in the flea market that I had heard of, but
> had never actually had my hands on. This is "Transmission Line
> Transformers", by Jerry Sevick, W2FMI, published by the ARRL. Mine is
> the 1990 second edition.
>
> I think it's still in print and available from the ARRL or your nearest
> ham store that carries ARRL books.
>

     It's available from Nobel Publishers and is carried by Tech

America, I believe.



Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
http://www.primenet.com/~ctrask

Graphics by Loek Frederiks

Date: Mon, 29 Mar 1999 11:03:29 -0500
From: Bob Scott <w4fpj@doubled.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36823] Atlanticon 1999
Message-ID: <36FFA451.6746AF6D@doubled.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks to all who helped set this event up and all those who attended.
Also thanks to all those who donated the prizes.

All the talks were interesting, but I especially enjoyed the Solar and
Geomagnetic Storm and Ho-Ho-HOHPLs talks. It was really interesting to
see how frequency affects antenna characteristics and I was reminded of
some long forgotten knowledge. Chuck was both entertaining and
informative, but he looks taller over the Internet. I learned why there
are not a ton of 6 meter kits out there as well as the dangers of cold
spray during troubleshooting.

My non-ham companion was a bit disappointed to discover that the homebrew section of the weekend had nothing to do with beer. She did win a hand key however, and so on Sunday I presented her with a current copy of "Now You're Talking". Perhaps next year she will be fighting with me over who gets to build the kit.

George and group; At least from my vantage point, you guys were flawless. Whenever something came up, you guys took care of it. Well, except for your inability to pull my number out of the box! Thanks again for all your efforts. It was a very special day.

Thanks to all the speakers for sharing their knowledge and enthusiasm. It was contagious. Take care all.

73,

Bob
W4FPJ

Date: Mon, 29 Mar 1999 08:16:43 -0800 (PST)
From: Jim Hale <kj5tf@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [36824] WPX SSB DX test & HTX-100
Message-ID: <19990329161643.28644.rocketmail@web709.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Got my 2 element quad back in working condx, but will
work on homebrewing a Yagi for 10/15M useing aircraft
quality aluminum. Hope I can find a local source. Feeding a 2 band yagi with one coax will take some study. I understand the Force 12 uses the "open sleeve" method. Found the article in ARRL Antenna Book. But need to take time to study that more.

Even now the thought of upgrading my quad to aircraft
aluminum spreaders vs a Yagi still creeps back into my mind. These things take time to think through don't they! hi hi

This weekend we had the WPX SSB conests and I took a little time to play in that. Using my old standby Radio Shack HTX-100 I chased down 28 DXCC's on Sunday afternoon.
Its EZ to adjust the power on this little rig. I have the high power trimmer set for 10W, and low is set at 4W.
Between 18:00 - and 23:43Z only on 10M I worked the following with 4 watts;

KH6ND, CS5AUO, CT1EEN, TI7/N4MO, ZD88A, ZX0F, CW8C, LU6ETB, XZ5J, VP5E,
VP2VF, 5X1Z (New one!), ZW5B, P40N, EA7GTF, HI3CR, AH8A, LU0H, 6Y5MM,
NP2Q, ED4RAX,
LU5FF, WP2Z, P43E, ZP6CC, LU1BR, LT1F, CE3F, LO1F, VK4DZ, TX8DX, ZY2DX,
T33RD (new one!), ZZ2Z, D44BC, CX5ABM, ZL1ANJ, HC8A, TI1C, HD1J, VK3TZ,
PY4BK.

To top off the whole fun afternoon, I used our new vanity callsign of
Arkansas QRP Club, NQ5RP/QRP.
On the new ones, I also called them with my personal callsign for the
DXCC credit. hi

I got many nice comments from DX stations, on the call, and how my
HTX-100 sounded. "A real 57 with excellent audio", etc. All I did with
this radio was replace the mic element with another element from Radio
Shack. I guess the standard element is pretty
low quality. I've heard standard mic's and they sound dull and
lifeless.

The HTX-100 makes a fine QRP rig for the SSB conetsts, as 10M has really
improved. Plus thats one of the favorite bands for many hams, & DX
stations. Yes, I have to use the RIT on CW too. They all seem to be off
a little. Not a great CW rig, but with practice its useable.

Have fun in the SSB contests! Jim KJ5TF AR QRP #2
(Trustee for NQ5RP)

_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 29 Mar 99 10:23:56 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36825] Atlanticon 99 small update de K5FO
Message-ID: <E10Re1R-0006Qb-00@smtp.ticnet.com>

Gang,

One sentence in the previous post should have been two.

I typed at 3am the following.

We had a tough time on deciding the projects were all
good.

It should have been typed the following.

We had a tough time on deciding. The projects were all
good.

Sorry about that. I try not to make mistakes, but I do
and will continue to do so.

And let me publicly thank all the people that came to
Atlanticon for doing so. It is your time and dedication
that makes it worth the effort of the NJQRP club to go
the extra mile. They aren't doing it for their own benefit
but for the benefit of the QRP community. They used
their own funds from their own projects to support the
effort and they didn't have to do that. It's common
among the QRP crowd to do this.

Heck, steal the ideas that you saw and do it in
your area if you were some distance away from
the Baltimore area. Noone will know and they'll
think you're a genius that you are.

OK, I gotta go over the eBay and put in a bid. :-)

dit dit

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Mon, 29 Mar 1999 08:14:28 -0800 (PST)
From: Theodore Wong <wong_th@eng.printronix.com>
To: qrp-l@lehigh.edu
Subject: [36826] Up a Creek w/o a Paddle
Message-ID: <199903291614.IAA03714@taz.printronix.com>

Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-MD5: DysUZEBkgMi+ImUwVJ/Y8w==
Content-Transfer-Encoding: 7bit

Hello all,

I just sold my Bencher paddles so now I am paddless. I notice from time to time an unbuilt NORCAL paddle is offered for sale but I am always too late in responding. If anyone has an unbuilt paddle kit for sale, I will definitely give it a good home next to my newly built NC-20. This would also go towards my quest to collect every major kit produced by NORCAL.

Tedd AB6CO

Date: Mon, 29 Mar 1999 11:50:32 -0500
From: "Richard Brummer" <obvious@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36827] Re: Up a Creek w/o a Paddle
Message-ID: <003101be7a04$437d5e20$f005b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I'll tag along on AB6CO's request for an unbuilt NorCal paddle kit, although I'm not "up the creek." I still have my Bencher.

Thanks and 73,
Dick K2REB

-----Original Message-----
From: Theodore Wong <wong_th@eng.printronix.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, March 29, 1999 11:28 AM
Subject: Up a Creek w/o a Paddle

>Hello all,
>
>I just sold my Bencher paddles so now I am paddless. I notice from time to

time
>an unbuilt NORCAL paddle is offered for sale but I am always too late in
>responding. If anyone has an unbuilt paddle kit for sale, I will
definitely
>give it a good home next to my newly built NC-20. This would also go
towards my
>quest to collect every major kit produced by NORCAL.
>
>Tedd AB6CO
>

Date: Mon, 29 Mar 1999 10:35:40 -0500
From: "Edward A Kwik jr" <eakwikjr@hti.com>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [36828] NC20: Another one up and running
Message-ID: <36FF9DCB.BCED8A23@hti.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I did the final section Friday night. Did a quick tune up and made a
QSO. Everything works. On Saturday I did some more tweaking. I can
get 5 watts OK. It receives well. Worked a DL4 late Saturday afternoon
with 559 both ways. I had 5 watts and He had 4 watts. Great two way
QRP DX. My problems were:
Wound L1 incorrectly.
Used a cheap IC socket for the TICK chip
On one of the receiver coils, I did not remove enough insulation and had
to remove, scrape, and reinstall.
I had no bad transistors or other components.

Still using my old J38 key with the NC20 in straight key mode. Sometimes
it misses a character. I will be doing some of the component upgrades
and expect this to go away with them. I now have keyer capability. So
what would be a good set of paddles to learn on? Looking at the
Whiterook stuff. Are they good enough to learn on?

Ed Kwik AB8DF

Date: Mon, 29 Mar 1999 18:12:55 +0100

From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [36829] TenTec 515
Message-ID: <004301be7a07$6735ee60$e642b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Guys:
I recently purchased a TenTec Argonaut 515. There are two crystals (TenTec NO: 212 and 213) that increase the 10 meter range from 29.0 Mhz to 29.5 MHz and 29.5 MHz to 30.0 MHz for complete 10 meter band coverage. I need these two crystals. Anybody out there want to part with them for a reasonable price? Please send me a private email.
Thanks, 73/72
Steve Sorrell, W8SFF

Date: Mon, 29 Mar 1999 13:32:22 -0500
From: Bob Scott <w4fpj@doubled.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36830] Dirth of 6 meter kits
Message-ID: <36FFC736.11F8D4E1@doubled.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Tom, WA2FWE, asked about my comment concerning 6 meter kits. I do not have my notes in front of me, but I came away from the discussion with the impression that they are just harder to build and still meet the spectral purity (if I have the term right) requirements which are more strict than the HF requirements. Plus, with the Ten Tec transverter out there, if you are going to make any money, you need to beat their price point of $95.

If I am mistaken or have my facts wrong, someone please weight in. (Like I have to ask <g>)

73,

Bob
W4FPJ

Date: Mon, 29 Mar 1999 11:10:58 -0800
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [36831] NorCal Resistor Kits Sold Out!!
Message-ID: <01be7a17$e16ce840$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Guys, the NorCal Resistor kits have all been sold. I will take a stand by
list in case some one backs out, but the kits are all gone. Thanks for your
interest.   We will be doing caps next. 72, Doug, KI6DS

Date: Mon, 29 Mar 1999 14:04:01 -0500
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-l@lehigh.edu
Subject: [36832] question answered regarding advanced info
Message-ID: <3.0.5.32.19990329140401.0080e5a0@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

As usual, you folks came through with the info I needed. Thanks very much
and appreciate your time.

72/73 de Scott/n3byy

Date: Mon, 29 Mar 1999 19:15:07 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [36833] WSN-40 QRP Net/ Antennas for Portable use.
Message-ID: <36FFD13B.2F9@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Good morning great friends! It's a great day here in
Santa Rosa, CA. Glad I have a few moments to check
in with the gang and share weekend operating information.

Walter/AG5P graciously sent me a Black Widow pole for my antenna use. Thanks Walter! What a guy. And Chris/N3XRV sent me a BB3 base tuning unit. Both of these are going to really help my stealth operations here at the mobile home.

I also wanted to field test my 'Quad Chair' and check into the WSN-40 Net (Every Sat., 9:00 Pac. Time., 7040 KHz).

So I packed up the OHR-100, Tuner,wattmeter,wire, twine, Vibroplex bug, dipole antenna, screwdriver,headphones, and two 2.1 AH gel cells with cables etc. Everything fit into the plastic box with velcro lid closure I reported on last week.

I strapped the box with quad chair on top, and all was stable on the back of my rack on the 10 speed bicycle. Except for forgetting my jacket, all was perfect. It was 7:45 AM and 3 miles to the park.
Upon arrival I set up next to the lake in Rohnert Park. Roberts Lake. A little duck pond by the U.S. 101 freeway. The pond is part of the Mountain Shadows North golf course. Very pretty.

I wedged the feedpoint of the dipole between the wood slats in the park table and tied the ends of the dipole 6 feet up in the neighboring trees. With all connected I was hearing good signals and nabbed a 30 minute ragchew.

But an icy breeze whipped in and I was shaking with cold. Wishing I had grabbed my jacket and cap. So I unfurled the full 15 feet of headphone wire and sat in my quad chair in the sun, listening to the net during call-up and comments.

Then it was my turn and I shared the beautiful view and station setup. All signals were fine, except everyone experienced QSB.

I packed up and rode off.

A quick lunch and now it was time to act on that black widow pole.

I decided that anchoring it to the travel box would be ideal, since I use the box for my station table when away from picnic tables. So I found that the web strap on the box could easily wrap around the pole and box, then anchored under the velcro lid for a rigid antenna base.

Then I grabbed two rolls of 50 feet of wire that Jim Skalski traded me and I made a 66 foot doublet antenna, then used the rest of the wire as window line, using duct tape strips, 3/8 inch fat, as the

insulating spacer about every 6 inches. It was fun.

Oh, storing wire antennas is important for quick setup so I grabbed a 5x4x1 inch box with lid and slid a curtain hook under the lip of the box. The center antenna point clips under the hook and each leg of the dipole is wound to the right and left side respectively. The feedline wraps last and is hooked in at the end. Very clean. I did add 10 feet of twine and a plastic coathanger insulator to the dipole ends.

With all my gear in the box, my quad chair, and black widow pole I decided to time myself going from fully packed to on-the-air in 15 minutes of slow-and -easy setting up, as if out in the cold weather.

Pretty cool setup, antenna strapped to box, rigs/bug on the top of the box, and me sitting in my comfortable quad chair.

It is important to have the first section of the pole locked in place before strapping the pole to the box. Otherwise you can't get the first section out.

Anyway, that's my weekend report. I had a great time working portable and with the Black Widow fishing pole (Commonly used for SLV's), I expect my park trips are really gonna be extra fun.

QRP'n it in Northern California. Best fun to all.
72/Ed Loranger WE6W/6
--
-Ed AR QRP Millennium QSO's=537/2000
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 29 Mar 1999 11:15:50 -0800
From: Vic Rosenthal <rakefet@rakefet.com>
To: ki6ds@dpol.k12.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36834] Re: NorCal Resistor Kits Sold Out!!
Message-ID: <36FFD166.5A401708@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hendricks, Doug wrote:

> We will be doing caps next.

Whew. First you come out with a kit of parts that *waste* power, and now you're planning one that will only contain OPEN CIRCUITED components! I suppose after that it will be gadgets with unnecessary hookup wire coiled up inside.

73,
Vic, K2VCO
Fresno CA

Date: Mon, 29 Mar 1999 12:15:32 -0700
From: tom whalen <wb5qyt@eFortress.com>
To: eakwikjr@hti.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36835] Re: NC20: Another one up and running
Message-ID: <36FFD154.6D5A@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Edward A Kwik jr wrote:
>   Looking at the
> Whiterook stuff. Are they good enough to learn on?
>
> Ed Kwik AB8DF

Hi Ed, I use the Whiterook paddles for my portable and mobile operations. In the mobile, I just secure the paddles to a mini clip board and away I go! Have been using them for a couple of years now and really like them. I would recommend them highly...Good bang for the buck!! 72, Tom WB5QYT...usual disclaimers apply

---

Date: Mon, 29 Mar 1999 14:08:09 -0600
From: "Brad Bradfield, PE" <b_bradfield@yahoo.com>
To: qrp-l@lehigh.edu
Subject: [36836] Re: SLV ROD SOURCE
Message-ID: <36FFDDA8.9D627658@yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Forgot to mention that Bass Pro Shops also has there generic brand (Uncle Buck's) 20 foot pole available for $19.95. I couldn't tell any

difference in the construction between the Black Widow and the Uncle
Buck's pole. Both extremely comparable.

72's es 73's,

Brad, W5CGH

Date: Mon, 29 Mar 1999 13:45:08 -0600 (CST)
From: "Jeff Logullo - SE Sun St. Louis" <Jeff.Logullo@Central.Sun.COM>
To: b_bradfield@yahoo.com
Cc: qrp-l@lehigh.edu
Subject: [36837] Re: SLV ROD SOURCE
Message-ID: <199903291949.NAA20368@sunarch2.Central.Sun.COM>
MIME-Version: 1.0
Content-Type: TEXT/plain; charset=us-ascii
Content-MD5: k926c2IUw8YxCKP+6y5qNg==

|Forgot to mention that Bass Pro Shops also has there generic brand
|(Uncle Buck's) 20 foot pole available for $19.95. I couldn't tell any
|difference in the construction between the Black Widow and the Uncle
|Buck's pole. Both extremely comparable.

As the owner of two SD-20s--one a late-model, and one "vintage" model, I note that the newer
model's tip section is a bit less stiff.

For vertical supports, it doesn't matter much. But for dipoles, etc., as the feedline gets heavier, the ability of the poles to stay erect gets more comical (or irritating, depending on your mood).

Given several poles from which to select, find the one with the stiffest tip section. Before heading to the checkout, test each section to make sure that no joints are loose enough to pull apart.

Date: Mon, 29 Mar 1999 15:34:13 -0500 (EST)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: tentec@contesting.com
Subject: [36838] Re: FS: TT Scout w/ 5 modules
Message-ID: <Pine.OSF.3.95.990329153218.24393A-100000@saturn.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

In case you missed this, I'm reposting it as I have no takers yet. I
worked a dozen countries in about 15 minutes during the contest yesterday
FROM MY CAR running 50w and a Comet HFV-6 mobile whip.

> Hello Everyone.
>
> Need to finance the annual Dayton trip. So from the W8KC collection I am
> offering my fine Ten*Tec Scout! Hard to believe but true. Used mostly to
> drive the TT 6M and 2M transverers @5 watts. Run at 5W 90% of the time.
> Never installed mobile, but it did sit on the front seat a couple times.
>
> I have the non-WARC bands except for 160M, so it's 80-10M. Includes
> microphone, DC cable, manual, and I think I have the original box, but
> it's pretty plain, not a sexy two-color style like the older Ten*Tec rigs.
>
> Oh... it has the Noise Blanker option, too.
>
> How does $500 sound including the shipping to your door? Sounds fair to
> me, I think I paid $450 for it and that was with only three bands and NO
> noise blanker.
>
> 73! =paul= W8KC
> Collector of Ten*Tecs and other fine plastics
> <http://www.acs.oakland.edu/~prvalko>
>
>
>
>

Date: Mon, 29 Mar 99 14:55:16 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp <qrp-l@lehigh.edu>
Subject: [36839] Spice Book Recommendation
Message-ID: <E10RiG3-00082o-00@smtp.ticnet.com>

Gang,

During the Spice presentation on Saturday I was asked
for a book recommendation and being in front of a very
large crowd makes one tend to lose concentration at
times and to draw a blank when asked a question.
I said that I would post since all but two members of

the audience were on QRP-L. :-)

The book that I think would make an excellent starter
for a newbie to SPICE is "Spice - Second Edition" by
Gordon W. Roberts and Adel S. Sedra. Published by
Oxford Press 1997 and ISBN 0-19-510842-6. 447 pages
in paperback.

www.amazon.com $29.95
www.barnesandnoble.com $29.95

and I think there was another online source for $27 or so,
but alas I was unable to find it in my search and someone
the group has a favorite online source that can find a better
price maybe.

Here are the Chapter Headings:

1. Introduction to SPICE
2. Operational Amplifiers
3. Diodes
4. Bipolar Junction Transistors (BJTs)
5. Field-Effect Transistors (FETs)
6. Differential and Multistage Amplifiers
7. Frequency Response
8. Feedback
9. Output Stages and Power Amplifiers
10. Analog Integrated Circuits
11. Filters and Tuned Amplifiers
12. Signal Generators and Waveform-Shaping Circuits
13. MOS Circuits
14. Bipolar Digital Circuits

A. Device Model Parameters
B. Spice Options

Reason why I like the book, although there are a ton of others
around:

- it is in print
- it is not as expensive as some of the other books
- excellent examples with output and graphs demoing concepts
- and a lot of stuff you and I would use in building or can
  adapt

Usual disclaimers apply and mileage may vary. The book uses
PSpice but I'll work along with you if you wanna start at a leasurely

pace going through the examples and adapt to WinSpice3......
I'll email the authors and get some permission to do this without
violation of copyrights, etc.

FYI

--
Chuck Adams K5FO adams@ticnet.com   CP-60
http://www.ticnet.com/k5fo

Date: Mon, 29 Mar 1999 14:15:31 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36840] Re: question answered regarding advanced info
Message-ID: <005a01be7a29$546f9840$0400a8c0@ron1>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

And the answer was .... <insert drum roll here...>

Ron Smith
KD7VD
Boise, Idaho

Date: Mon, 29 Mar 1999 20:36:59 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [36841] Re: SLV ROD SOURCE
Message-ID: <36FFE46B.37C8@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Funny, I just noticed the discussion on these poles. I guess
this is contemporaneous that I also wondered about making the

tip stronger.

So I am going to try an idea I came up with last night.

I'm going to get some heat-shrink tubing and heatgun it
onto the top half of the tip section. The tubing is thin
enuf that the tip should retract just fine. Unless you
go to far down the pole with it :)

Will report on this next Monday or as soon as I try it out
in the field.

72/Ed WE6W/6
--
-Ed AR QRP Millennium QSO's=537/2000
72, Ed WE6W, A-1 OP; http://www.qsl.net/we6w Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397 QAA#006

Date: Mon, 29 Mar 1999 16:31:37 EST
From: Sachsarch@aol.com
To: Sachsarch@aol.com, qrp-l@lehigh.edu
Subject: [36842] Norcal paddle kit FS
Message-ID: <b341eed1.36fff139@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Complete kit. Offers to K2IPH
SACHSARCH@aol.com

Date: Mon, 29 Mar 1999 15:53:42 -0600
From: "Chris Cieslak" <ccieslak@law.uiuc.edu>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [36843] A Night w/ the NC20 (kinda long)
Message-ID: <001201be7a2e$9cbd79a0$6c1115ac@classifiedventures.com>

Well, I finally received my Weller WTCPT iron last week... for those of you
who haven't used one, it's terrific! Going from the Radio Shack model I had
to this is like going from a Chevette to a Corvette.. it's a great piece of
equipment that has really improved my homebrewing/kit building experience so
far. Thanks to those on the list who recommended it.

Anyway, I decided that it was time to start the NC20 (I received one of the

"insurance" kits). Everything went smoothly up to the AFA step, and it's a great kit to build, even considering the relatively high component density. Good instructions, even better help from you list people :)

Like I said, it was smooth sailing, all the voltages checked out well, the audio amps were buzzing, the AFA was beeping, and all was good.

HA! It was then that Murphy struck with a vengeance.

I figured that I'd de-flux the corner of the board I completed before heading to bed, so I pulled out the can o' flux remover and went to work. The board looked much better. I left it to dry. came back an hour later right before going to bed to test it out one more time. Plugged it in, tapped SW2.

Dead. Nothing.

Checked the voltage on the VFO at the RF test point: .3v. Uh-oh. It was 1.4v last time I checked.

I had exercised a bit while letting the NC dry off, and was perspiring slighly. Just then, to make matters worse, a drop of sweat dripped off my hair and onto the board, right onto the audio pre-amp section.

No more buzzing now, either.

As my heart began to sink into my stomach, I could hear the amp start up again, and it slowly started its hissing once again. Phew!

Finally, in desperation, I pulled the AFA jumpers (i added header pins to the AFA settings) and reset them. BEEP! All right! I guess the flux remover ran up through the jumpers and coated them enough to stop them from, er, jumping. So, no problem there anymore.

The VFO was still a bit low, though, at .9vdc (it had been slowly rising as time went by.) I let the NC sit a while longer, and the VFO climbed back up to about 1.3v. So, I guess there was still a bit of flux-off still underneath the vfo parts. I was able to tune the vfo to 4.999 this morning with no problems.

Anyway, take this as a warning not to be as dumb, or as over-confident, as I was :)

Hope to finish the receiver tonite--maybe I'll hear some of you NC20 folks out there.

72/73, chris aa9hd

Date: Mon, 29 Mar 1999 17:00:38 -0500
From: "J. Eric Jessen" <E.Jessen@orion-consulting.com>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [36844] FW: Dirth of 6 meter kits
Message-ID: <1C7185682F54D2119C7200104B2EE1F6083B15@MAILMAN>
MIME-Version: 1.0
Content-Type: text/plain

I built the Ramsey FX-50 6m FM kit a couple of years
ago. Tuned up fine, and basically "worked out of the box."

In fact it worked so well that I am saving my pennies for
the 2 meter version as well.

The documentation was great, and if you follow all the steps
in the manual it works as advertised. PCB is nice double sided
G-10 glass/epoxy with silk screened component layout, and
plated through holes. The case is worth the money, and I
recommend it.

The only change I made to the original kit is I changed the
speaker mic connection from the 3.5mm and 2.5mm jacks
to a 4-pin screw-on connector for reliability reasons.

Standard disclaimers apply. I don't work for Ramsey, just
a satisfied customer.

73 de N8AUC
Eric

Date: Mon, 29 Mar 1999 15:22:18 -0700
From: "Ron Smith" <resmith666@uswest.net>
To: "Richard Brummer" <obvious@bestweb.net>, "Low Power Amateur Radio Discussion"
<qrp-l@Lehigh.EDU>
Subject: [36845] Re: question answered regarding advanced info
Message-ID: <008b01be7a32$9ce59e40$0400a8c0@ron1>
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry Dick, I don't have the answer either. The question was posted to the list but the only posted answer was...

[quote]

As usual, you folks came through with the info I needed. Thanks very much and appreciate your time.

[end quote]

72

Ron Smith
KD7VD
Boise, Idaho

Date: Mon, 29 Mar 1999 16:29:55 CST
From: John F Rayfield <kr0y@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [36846] QRP Rigs
Message-ID: <19990329.162958.3294.0.kr0y@juno.com>

I'm looking at getting into QRP, again. I used to have an HW-7, MANY years ago (I bought it new and built it). I sold it a couple of years after that.

Well, the other day, I ran across another HW-7. It's 'original' (no mods) and looks pretty good, from a construction standpoint. I powered it up and it does work, however it (of course) has the old problem of microphonics when the front end is properly tuned. I also noticed that the audio 'cut in and out' as the Preselector was adjusted, almost like the shaft on the Preselector capacitor isn't always grounding properly. I don't remember if mine did that or not, but I don't think it did. I also noticed a lot of what sounded like AC hum, even though the rig was running on a very 'clean' power supply. Am I remembering correctly that this was a common problem with the HW-7? The case is in pretty good shape - a few minor 'stains' and one small area of chipped paint. The dial also has a few places rubbed off, but it's still perfectly usable to see what frequency the rig is on.

I remember that there were quite a few mods that various ones came up

with, to improve the performance of the HW-7. This one can be 'had' for $75. Is that a 'fair' price for one that's in the condition that I described, or is that too much or not enough? Also, would I be better of to spend my money on something like a Small Wonder Labs SW-40+ (I'm mainly interested in 40 meters, so that I can use it during the day and the evenings and probably more during the evenings). What other rigs are good, that fall in the $75 to $100 range (if any)? I've noticed the TenTec transceivers - are they any good? How do they compare, in performance, to some of the others (like the SW-40+)?

   John Rayfield, Jr.

_____
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Get completely free e-mail from Juno at http://www.juno.com/getjuno.html
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 29 Mar 1999 17:44:53 -0500
From: Tom M <tjmc@erols.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [36847] Atlanticon Kite
Message-ID: <37000265.131F981E@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

One of the highlights of Atlanticon was the Great Kite caper...

Sadly tho, when I went to get a set of the plans for it they were all gone.

To the gent with the kite ??MY call I believe, are the plans to be posted somewhere?? I think you say you had a DOC/Word file or similar?

Many Thnaks,
Tom AA2VK

Date: Mon, 29 Mar 1999 15:48:17 -0600
From: sda <sda@bellsouth.net>
To: qrp-l@Lehigh.EDU
Subject: [36848] WANTED REALLY BAD: Norcal Paddle Kit
Message-ID: <199903292248.RAA11749@mail3.lig.bellsouth.net>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Have tried to respond to several of the recent offers for Norcal
Paddle kits, but missed the boat. Would LOVE to have a set,
if anyone has an unbuilt kit they could part with.

Peace and 72/3,

Todd Atkins, K4MSW
Baton Rouge, Louisiana

http://www.qsl.net/k4msw

Date: Mon, 29 Mar 1999 14:53:46 -0800
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [36849] Elecraft Help Wanted: Customer Support Technician.
Message-ID: <3700047A.EDF14068@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi,

Since your response to the K2 has been so strong, we're growing! As a
result, we're looking for someone to help us with K2 customer support and
service.

(Note: I cleared this with Chuck Adams to make sure he was comfortable
with our posting it to the QRP-L list.)

72, Eric WA6HHQ

==========

Elecraft Help Wanted: Customer Support Technician.

Mar 29, 1999

Description:

This position will provide phone / email technical support for Elecraft K2
customers and will also be responsible for aiding in the repair of

customer radios. Additional tasks may be assigned in support of new engineering development and manufacturing as needed. May also attend Hamfests to promote Elecraft products.

Since Elecraft is a small start up company, all employees of the company can expect to handle a wide variety of tasks, including those outside of their normal area.

Qualifications:

Excellent understanding of radio concepts with experience in analog and digital electronics, kit / homebrew construction, support or radio repair (either through work or hobby.) Experience in customer support is a plus.

Applicants should be organized self starters who are comfortable working in a dynamic start up environment. They should have solid work habits combined with a friendly personality and be comfortable talking to a wide range of customer personalities. Above all they must enjoy amateur radio and be able to communicate their enthusiasm to those they meet.

Good writing and communications skills are required.

An amateur radio license with 5 years of experience is strongly preferred.

Location:

Elecraft is located in Aptos, California, on the Monterey Bay between Santa Cruz and Monterey.

**** Applicants should live in or near the Santa Cruz - Monterey Bay area. ****

Please email, FAX or write us to submit your resume or ask questions:

Email: radios@elecraft.com

FAX: 831-662-0830

Elecraft, Attn: Cust. Svc Position
PO BOX 69
Aptos, CA 95001-0069

Please feel free to distribute this job description to other hams and clubs.
http://www.elecraft.com

Date: Mon, 29 Mar 1999 17:59:13 -0500 (EST)
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
To: Tom M <tjmc@erols.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36850] Re: Atlanticon Kite
Message-ID: <Pine.GSO.4.10.9903291754320.9759-100000@moe.cas.utk.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 Mar 1999, Tom M wrote:

>One of the highlights of Atlanticon was the Great Kite caper...
>
I agree 100% about the kite highlight. Perhaps the only gap in Atlanticon was that they did not have a Bo Jangles award to give--hard to stop watching that kite dance in the MD sky. Very stable as well--and with interesting antenna potential. I dreamt of a vertically polarized log periodic attached to it--80 to 2 meters.

-73-

LB, W4RNL

Date: Mon, 29 Mar 1999 16:06:48 -0700 (MST)
From: James P Rybak <jrybak@mesastate.edu>
To: Chuck Adams <adams@ticnet.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [36851] Re: Spice Book Recommendation
Message-ID: <Pine.OSF.3.91.990329160417.841B@mesa7.mesa.colorado.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I agree, Chuck. The Roberts and Sedra book is excellent for learning PSPICE. Its relatively low price also is a big plus.

73,

Jim Rybak W0KSD

Date: Mon, 29 Mar 1999 15:23:38 -0800 (PST)

From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [36852] Re: Spice Book Recommendation
Message-ID: <19990329232338.13808.rocketmail@web115.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- James P Rybak <jrybak@mesastate.edu> wrote:
>
> I agree, Chuck. The Roberts and Sedra book is excellent for learning

> PSPICE. Its relatively low price also is a big plus.

Also Microsim has put out 2 books called;

Microsim Pspice for Windows Vol's 1 and 2

What is nice about these 2 books is that they take you through exercises
step by step. Makes it really easy to learn Pspice! You can get them
from Amazon also.

A workable demo CD of Pspice can be gotten of the ORCAD web site.

73!

Jeff
===
Jeff Jones
AB6MB
NorCal QRP Club #65, QRP-L #1780
CW Forever!!!
Ghost Hunter
Owner of the Delta MudCats fantasy baseball team
Long live Manchester United and the Oakland A's!!!!!!
_____
Do You Yahoo!?
Get your free @yahoo.com address at http://mail.yahoo.com

Date: Mon, 29 Mar 99 17:49:02 -0500
From: Chuck Adams <adams@ticnet.com>
To: Tom M <tjmc@erols.com>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [36853] Re: Atlanticon Kite
Message-ID: <E10RkyE-0000gQ-00@smtp.ticnet.com>

Tom et.al.,

Post to the group at large the URL if the plans are online. I overheard someone say that they were online, so here is hoping.

Not to reopen the previous threads but all safety measures in effect and FAA regulations should be investigated. At one point on Saturday they kite was over 500' above ground and in some areas of the country you'd have some serious problems. Also you might not want to use aluminum foil to make it radar detectable near such sites. :-)

I plan on building a small one and taking it to White Rock lake to experiment then progress up to the larger one. You can teach an old dog new tricks.... :-)

I can see the next TTF (to the field) theme being kites and an extra multiplier thrown in. And to get the bonus you have to have a remote digital camera attached to the kite and have it take a picture with time stamp to verify when/where/how/ and what you did.....

Back to regularly scheduled programming now in progress.

dit dit

P.S. How far can you drop a Furby from the kite Seab? :-)

--
Chuck Adams K5FO adams@ticnet.com CP-60
http://www.ticnet.com/k5fo

End of QRP-L Digest 1410

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